FILE 'ENCOMPPAT' ENTERED AT 14[redacted]:06 ON 07 MAR 2002

FILE COVERS 1964 TO 4 Mar 2002 (20020304/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s (desulfurization and membrane)/ct
         15308 DESULFURIZATION/CT
          5244 MEMBRANE/CT
L1         284 (DESULFURIZATION AND MEMBRANE)/CT

=> s liquid/ct
L2       49082 LIQUID/CT

=> s l1 and l2
L3          70 L1 AND L2

=> d 1-70

L3   ANSWER 1 OF 70  ENCOMPPAT  COPYRIGHT 2002 DERWENT/ELSEVIER
AN   2001:15732  ENCOMPPAT;ENCOMPPAT2
DN   P200117977
TI   New polyimide used for gas separation films, excelling in permeability,
     thermal resistance and chemical resistance
PA   NITTO DENKO CORP
PI   JP  2001081193  20010327
AI   JP  2000-179634  20000615
PRAI JP  1999-201151  19990715
OS   DERWENT 2001498967

L3   ANSWER 2 OF 70  ENCOMPPAT  COPYRIGHT 2002 DERWENT/ELSEVIER
AN   2001:12029  ENCOMPPAT;ENCOMPPAT2
DN   P200116988
TI   Gas phase electrochemical oxidation of hydrogen sulfide to sulfur and
     water or hydrogen involves using electrolysis cell having anode and
     cathode chambers which are maintained at specified temperature and
     pressure
IN   CHUANG K T; DONINI J C; SANGER A R; SLAVOV S V; STANIC V
PA   ETHYL TECH INC
PI   US  6241871  20010605
AI   US  1998-61109  19980416
     US  1999-314106  19990519
PRAI US  1999-314106  19990519
     US  1998-61109  19980416
OS   DERWENT 2001456423

L3   ANSWER 3 OF 70  ENCOMPPAT  COPYRIGHT 2002 DERWENT/ELSEVIER
AN   2001:11258  ENCOMPPAT;ENCOMPPAT2
DN   P200115561
```

TI New polyimide amic acid s[redacted] polymer for fabricating fluid[redacted]paration membranes exhibiting impr[redacted]ed stability, solubility and pr[redacted]ess ability
IN BIKSON B; DING Y; MACHERAS L T; NELSON J K
PA PRAXAIR TECHNOLOGY INC
PI EP 1095695 20010502
DS AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI
AI EP 2000-120768 20000922
PRAI US 2000-661901 20000914
US 1999-404724 19990924
OS DERWENT 2001434457
LA English

L3 ANSWER 4 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2001:7828 ENCOMPPAT;ENCOMPPAT2
DN P200111051
TI Electrochemical fuel cell electric power generation system useful in submarines comprises an autothermal reformer in a fuel processing subsystem
IN CLAUSI J; COWNDEN R; LOUIE C; SEDERQUIST R; WATKINS D S
PA BALLARD POWER SYSTEMS INC
PI WO 2001025140 20010412
DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW
AI WO 2000-CA1145 20001005
PRAI US 2000-679904 20001005
US 1999-157731 19991005
OS DERWENT 2001300153
LA English

L3 ANSWER 5 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2001:5962 ENCOMPPAT;ENCOMPPAT2
DN P200108110
TI Protection system for gas diffusion membrane used for natural gas sweetening and dehydration
IN OTTESTAD N T
PA KVAERNER PROCESS SYSTEMS AS
PI WO 2001012305 20010222
DS AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; UG; ZW
AI WO 1999-NO254 19990812
PRAI WO 1999-NO254 19990812
OS DERWENT 2001218313
LA English

L3 ANSWER 6 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2001:5940 ENCOMPPAT;ENCOMPPAT2
DN P200108070
TI Selective purging of a reactor loop useful in a refinery or petrochemical plant includes separating the effluent and returning the contaminant-depleted stream to the reactor
IN BAKER R W; LOKHANDWALA K A
PA MEMBRANE TECHNOLOGY & RES INC
PI US 6171472 20010109
AI US 1998-83660 19980522
PRAI US 1998-83660 19980522
OS DERWENT 2001217662

L3 ANSWER 7 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2001:5559 ENCOMPPAT;ENCOMPPAT2
DN P200107203
TI Treatment of off-gas streams containing hydrogen and light hydrocarbons in oil refinery involves cooling and separating uncondensed portion by membrane separation to methane-rich hydrocarbon and hydrogen-rich streams
IN BAKER R W; HE Z; LOKHANDWALA K A; PINNAU I
PA MEMBRANE TECHNOLOGY & RES INC
PI US 6159272 20001212
AI US 1997-780868 19970124
US 1997-789376 19970124
US 1998-83775 19980522
US 1999-316507 19990521
PRAI US 1999-316507 19990521
US 1998-83775 19980522
US 1997-780868 19970124
US 1997-789376 19970124
OS DERWENT 2001201699

L3 ANSWER 8 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2001:3761 ENCOMPPAT;ENCOMPPAT2
DN P200105342
TI Volatile solute-transfer system for removing volatile organic compounds from gaseous mixtures, comprises an absorption module, a porous membrane, a regeneration module, and a nonporous membrane
IN MAJUMDAR S; PODDAR T; SIRKAR K K
PA NEW JERSEY INST TECHNOLOGY
PI US 6165253 20001226
AI US 1994-248062 19940523
PRAI US 1994-248062 19940523
OS DERWENT 2001136566

L3 ANSWER 9 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:15360 ENCOMPPAT;ENCOMPPAT2
DN P200022682
TI Separation of gases in wellbore involves placing wellbore in production zone, and removing contaminants from hydrocarbon gas removed from wellbore using system comprising preferentially selective materials
IN CAMY J P; KOELMEL M H; MILLER S; MUNSON C L; ROSS S E; SCHMIDT P C; UNDERDOWN D R; WRIGHT R
PA CHEVRON USA INC
PI WO 2000058603 20001005
DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW
AI WO 2000-US8121 20000327
PRAI US 1999-126616 19990327
OS DERWENT 2000672574
LA English

L3 ANSWER 10 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:13512 ENCOMPPAT;ENCOMPPAT2
DN P200019857
TI Composition for decontamination of gases comprises a large pore molecular sieve and an environmentally acceptable carrier
IN CRUICKSHANK G D; DAVISON G R; STODDART B
PA PROCTER & GAMBLE CO
PI WO 2000051713 20000908
DS AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB;

GH; GM; GR; IE; IT; KE; L[redacted]LU; MC; MW; NL; OA; PT; SD; SE[redacted]L; SZ; TZ; UG; ZW
AI WO 2000-US4907 20000225
PRAI GB 1999-4440 19990227
OS DERWENT 2000579235
LA English

L3 ANSWER 11 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:11952 ENCOMPPAT;ENCOMPPAT2
DN P200017728
TI Recovery of hydrogen from a hydrotreater effluent gas purge useful as a fuel in energy production comprises reacting a hydrocarbon stream and hydrotreater gas in a hydrotreater
IN JOHNSON K A; WALLACE P S
PA TEXACO DEV CORP
PI WO 2000041966 20000720
DS AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW
AI WO 2000-US676 20000111
PRAI US 1999-115391 19990111
OS DERWENT 2000499077
LA English

L3 ANSWER 12 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:6725 ENCOMPPAT;ENCOMPPAT2
DN P200012463
TI Fuel gas conditioning process for upgrading raw natural gas to run fuel engines, involves cooling gas by passing via heat exchange steps, separating the phases and passing gas phase into membrane separation process
IN LOKHANDWALA K A
PA MEMBRANE TECHNOLOGY & RES INC
PI US 6053965 20000425
AI US 1998-172748 19981014
PRAI US 1998-172748 19981014
OS DERWENT 2000328342

L3 ANSWER 13 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:4093 ENCOMPPAT;ENCOMPPAT2
DN P200008097
TI Membrane production by obtaining a glass composition having two separate but intertwined phases, using acid to remove the more soluble acid phase, and controlling parameters
IN GAVALAS G; WANG H
PA CALIFORNIA INST OF TECHNOLOGY
PI WO 2000013768 20000316
DS CA; JP; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
AI WO 1999-US20913 19990909
PRAI US 1999-123082 19990304
US 1998-99613 19980909
OS DERWENT 2000256879
LA English

L3 ANSWER 14 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:1972 ENCOMPPAT;ENCOMPPAT2
DN P200003287
TI Process for removal of hydrogen sulfide gas from a gas stream, by catalytic oxidation in aqueous solution to form sulfate ions
IN WAYCUILIS J J
PA MARATHON OIL CO
PI US 6017501 20000125
AI US 1997-998436 19971226

PRAI US 1997-998436 19971226
OS DERWENT 2000181178

L3 ANSWER 15 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 2000:714 ENCOMPPAT;ENCOMPPAT2
DN P200001383
TI System for desulfurizing raw hydrocarbon fuel stream to render it suitable for use in fuel cell power plant
IN BONVILLE L J; DEGEORGE C L; FOLEY P F; GAROW J; LESIEUR R R; PRESTON J L; SZYDLOWSKI D F
PA INT FUEL CELLS CORP
PI WO 9967018 19991229
DS AL; AM; AU; AZ; BA; BB; BG; BR; BY; CA; CN; CU; CZ; EE; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; RO; RU; SD; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
AI WO 1999-US14319 19990624
PRAI US 1998-104254 19980624
OS DERWENT 2000126595
LA English

L3 ANSWER 16 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1999:11053 ENCOMPPAT;ENCOMPPAT2
DN 9912526
TI Electrochemical process for treatment of aqueous waste streams
IN JACKSON J R; MORAN S W
PA HURON TECH CORP
PI WO 9934895 19990715
DS AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG; ZW
AI WO 1998-US27050 19981217
PRAI US 1998-88195 19980601
US 1998-71088 19980109
OS DERWENT 99478823
LA English

L3 ANSWER 17 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1999:9283 ENCOMPPAT;ENCOMPPAT2
DN 9912068
TI Decomposition of hydrogen sulfide to produce hydrogen and sulfur
IN DONINI J C; LUINSTRA E A; PETROVIC S
PA CANADA MIN NATURAL RESOURCES
PI US 5908545 19990601
AI US 1997-914177 19970819
PRAI US 1997-914177 19970819
OS DERWENT 99356519

L3 ANSWER 18 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1999:5488 ENCOMPPAT;ENCOMPPAT2
DN 9941811
TI Processing apparatus for waste water - includes cross flow membrane type separator and dead end membrane type separator which purify water supplied from circulation tank
PA KURITA WATER IND LTD
PI JP 11057710 19990302
AI JP 1997-230884 19970827
PRAI JP 1997-230884 19970827
OS DERWENT 99223572

L3 ANSWER 19 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1998:12999 ENCOMPPAT;ENCOMPPAT2
DN 9812738

TI Method of wet purificatio[redacted]f gases from hydrogen sulphide[redacted] includes absorption with catholyte, oxidation to elementary sulphur with input of anolyte, and electrochemical regeneration in electrolyser with use of mixture of anolyte and catholyte
IN CHEREDNICHENKO V L; POSPELOV A P; REDIN V A
PA REDIN V A
PI RU 2110472 19980510
AI RU 1992-14706 19921228
PRAI RU 1992-14706 19921228
OS DERWENT 98581392

L3 ANSWER 20 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1998:8646 ENCOMPPAT;ENCOMPPAT2
DN 9842600
TI Processing method for desulphurised exhaust gas and drainage from thermal power station - involves washing membrane polluted due to continued cleaning process using cleaning liquid containing oxalic acid
PA KURITA WATER IND LTD; TOHOKU ELECTRIC POWER CO
PI JP 10137542 19980526
AI JP 1996-322197 19961118
PRAI JP 1996-322197 19961118
OS DERWENT 98355551

L3 ANSWER 21 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 1998:5739 ENCOMPPAT;ENCOMPPAT2
DN 9811192
TI Process for separation of gaseous components from gas stream using liquid absorbent - comprising contacting gas stream with layer arrangement with polymeric coating layer on one side and contacting liquid absorbent with opposite side
IN BIER C; WITZKO R
PA GORE & ASSOC GMBH W L
PI WO 9813124 19980402
DS AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GH; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG; ZW
AI WO 1997-EP5293 19970926
PRAI DE 1997-1004508 19970206
DE 1996-1039965 19960927
OS DERWENT 98230470
LA English

L3 ANSWER 22 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 97:13236 ENCOMPPAT;ENCOMPPAT2
DN 9743972
TI Cleaner for industrial air containing solids and gases - comprises dielectric casing and partition system removing nitrogen dioxide, sulphur dioxide and carbon monoxide
IN BRSPALOV V I; KAREPANOV D A; STRAKHOVA N A
PA ROST BUILDING ACAD
PI RU 2077953 19970427
AI RU 1994-30895 19940822
PRAI RU 1994-30895 19940822
OS DERWENT 97501264

L3 ANSWER 23 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 97:5525 ENCOMPPAT;ENCOMPPAT2
DN 9741496
TI Effective, simple, low-cost electrolytic decontamination of gas - is carried out in diaphragm cell with solid bed electrode acting as trickling bed reactor, useful for removing e.g. chlorine, sulphur dioxide, nitrogen oxide and form-aldehyde
IN ENGEL D; LEHMANN T; SANZENBACHER R
PA DEGUSSA AG

PI DE 19531707 970306
AI DE 1995-1031707 950830
PRAI DE 1995-1031707 950830
OS DERWENT 97155498

L3 ANSWER 24 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 97:4023 ENCOMPPAT;ENCOMPPAT2
DN 9710874
TI Gaseous oxidisable or reducible constituent removal from gas phase - by absorption in liq. contg. oxidising or reducing agent, with gas and liq. phases being fed along either side of permeable membrane
IN FERON P H M; JANSEN A E
PA NEDERLANDSE ORG TOEGEPAST
PI WO 9702883 970130
DS AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG
AI WO 1996-NL279 960705
PRAI NL 1995-1000755 950707
NL 1995-1000756 950707
NL 1995-1000757 950707
OS DERWENT 97118853
LA English

L3 ANSWER 25 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 97:1162 ENCOMPPAT;ENCOMPPAT2
DN 9710316
TI Recovery of sulphur from an acid gas stream - comprises passing air through membrane to produce oxygen enriched permeate and combusting the gas stream with the permeate to convert sulphur cpds. to elemental S.
IN HARRISON J M; NASATO E
PA MG GENERON INC
PI EP 744377 961127
DS AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; NL; PT; SE
AI EP 1996-420189 960524
PRAI US 1995-451833 950526
OS DERWENT 97001188
LA English

L3 ANSWER 26 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 96:8848 ENCOMPPAT;ENCOMPPAT2
DN 9612102
TI Liquefying natural gases - uses cold atmos. produced by vaporisation of cryogenic liquids after removal of harmful components from natural gas by adsorbing membranes
IN BRAEUTIGAM M
PA LINDE AG
PI DE 19511383 961002
AI DE 1995-1011383 950328
PRAI DE 1995-1011383 950328
OS DERWENT 96443805

L3 ANSWER 27 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 96:7169 ENCOMPPAT;ENCOMPPAT2
DN 9642071
TI Dry scrubber atomiser end cap - with an expandable diaphragm to remove adhered deposits from the end cap
IN JOHNSON D W; LICHT M; MYERS R B; WATSON G B
PA BABCOCK & WILCOX CO
PI CA 2162011 960505
AI CA 1995-2162011 951102
PRAI US 1994-334504 941104
OS DERWENT 96371824

L3 ANSWER 28 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER

AN 96:1441 ENCOMPPAT;ENCOMPPAT2
DN 9640509
TI Removal of acidic gases from combustion flue gas to another fluid - via hollow fibre porous membrane having low tortuosity factor and efficient mass transfer.
IN BHATIA V; DAM-JOHANSEN K; IVERSEN S; JONSSON G
PA FLS MILJO AS
PI WO 9535153 951228
DS AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; KE; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG
AI WO 1995-DK263 950622
PRAI DK 1994-746 940622
OS DERWENT 96058240
LA English

L3 ANSWER 29 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 96:1022 ENCOMPPAT;ENCOMPPAT2
DN 9610314
TI Cleaning of hydrocarbon gas contg. hydrogen sulphide - consists of controlled extn. and sepn. via membrane and hydrogenation technique, etc., giving simplified technique reducing harmful emissions
IN ADZHIEV A YU; ASTAKHOV V A; DOBRYNKIN N M
PA GAS PROCESSING RES INST
PI RU 2035210 950520
AI SU 1989-4769210 891101
PRAI SU 1989-4769210 891101
OS DERWENT 96028380

L3 ANSWER 30 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 95:9356 ENCOMPPAT;ENCOMPPAT2
DN 9512338
TI Absorption of gaseous components from gas phase across a membrane - wherein the liq. phase comprises water and a water-miscible or -soluble absorbent, and does not give rise to any leakage from the membrane.
IN FERON P H M; JANSEN A E
PA NEDERLANDSE ORG TOEGEPAST
PI WO 9526225 951005
DS BR; CA; JP; NO; PL; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
AI WO 1995-NL116 950324
PRAI NL 1994-1233 940727
NL 1994-483 940325
OS DERWENT 95351218
LA English

L3 ANSWER 31 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 95:3392 ENCOMPPAT;ENCOMPPAT2
DN 9511002
TI Removing acid components from liquid hydrocarbon(s) - by supplying aq. alkali soln. and light oil fraction to either side of porous tubular membrane so that the pores are not wetted by one of two phases of hydrocarbon/alkali soln
IN JANSEN A E; KLAASSEN R; TER MEULEN B P; KLAASEN R
PA NEDERLANDSE ORG TOEGEPAST
PI WO 9507134 950316
DS AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; JP; KE; KG; KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MN; MW; NL; NO; NZ; PL; PT; RO; RU; SD; SE; SI; SK; TJ; TT; UA; US; UZ; VN; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; KE; LU; MC; MW; NL; OA; PT; SD; SE
AI WO 1994-NL214 940905
PRAI NL 1993-1535 930906
OS DERWENT 95123263
LA English

L3 ANSWER 32 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 95:3086 ENCOMPPAT;ENCOMPPAT2
DN 9540879
TI Desulphurisation waste water treatment - comprises supplying waste water to lean soln. cells of electrodialyser with alternately arranged anion and cation exchange membranes etc
PA ASAHI GLASS CO LTD; CHUBU DENRYOKU KK; MITSUBISHI JUKOGYO KK
PI JP 7008749 950113
AI JP 1993-141754 930614
PRAI JP 1993-141754 930614
OS DERWENT 95084510

L3 ANSWER 33 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 94:9950 ENCOMPPAT;ENCOMPPAT2
DN 9412454
TI Hydrogen sulphide removal - in continuous process in closed system with efficient recovery of elemental hydrogen and sulphur
IN GOTO M; HONNA K; IIDA H; NOGUCHI H; KOSAKU H
PA IDEMITSU KOSAN CO LTD; PETROLEUM ENERGY CENT FOUND; ZH SEKIYU SANGYO KASSEIKA CENTER; PETROLEUM ENERGY CENT
PI EP 612556 940831
DS AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; PT; SE
AI EP 1994-101940 940209
PRAI JP 1993-209153 930824
JP 1993-36653 930225
OS DERWENT 94265753
LA English

L3 ANSWER 34 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 94:3763 ENCOMPPAT;ENCOMPPAT2
DN 9410977
TI Salt extn. from hydrogen sulphide scrubber solns. - using an electrodialyser system
IN BALTAZAR V; JAMALUDDIN A K M; KENNEDY M W; NAZARKO T W
PA NORANDA INC
PI CA 2069221 931123
AI CA 1992-2069221 920522
PRAI CA 1992-2069221 920522
OS DERWENT 94049398

L3 ANSWER 35 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 94:2100 ENCOMPPAT;ENCOMPPAT2
DN 9410655
TI Electrolytic desulphurisation of liq. fuels and petrochemical feedstocks - by mixing feedstock with alkaline aq. soln. electrolysing emulsion, with residence time of the emulsion routed through electrolysis cell being shorter than emulsion settling time
IN AHONEN H
PA HJA-ENG OY
PI WO 9325636 931223
DS BB; CA; FI; NO; RO; RU; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
AI WO 1993-FI249 930608
PRAI FI 1992-2638 920608
OS DERWENT 94007499
LA English

L3 ANSWER 36 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:10168 ENCOMPPAT;ENCOMPPAT2
DN 9342693
TI Treatment of waste liq. from flue gas desulphuriser - includes softening waste liq. by adding sodium and/or potassium carbonate before sending to electrodialyser and clarifying waste liq
PA MITSUBISHI HEAVY IND CO LTD
PI JP 5220334 930831
AI JP 1992-26747 920213
PRAI JP 1992-26747 920213

OS DERWENT 93308429

L3 ANSWER 37 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:9700 ENCOMPPAT;ENCOMPPAT2
DN 9312603
TI Cleaning of LPG for hydrogen sulphide - using porous membrane after removal of hydrogen sulphide and sepn. of gaseous phases by distn
IN DEN BOESTERT J L W C; GUIRGUIS M; LAST T; RAJANI J B; RIJKENS H C; DEN BOESTERT W C; LEENDERT J
PA SHELL INT RES MIJ BV
PI NL 9300322 930916
AI NL 1993-322 930222
PRAI EP 1992-200532 920224
OS DERWENT 93326070

L3 ANSWER 38 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:5797 ENCOMPPAT;ENCOMPPAT2
DN 9341595
TI Removal of sulphur dioxide from gas mixts. with less membrane fouling - by passing rich absorbent through an electrodialytic cell to produce a base stream recycled to absorber and acid stream passing through stripper, etc
IN CHIAO Y C; DIPALMA J M; MANI K N
PA ALLIED-SIGNAL INC
PI WO 9307955 930429
DS CA; FI; NO; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; SE
AI WO 1992-US8409 921002
PRAI US 1991-775875 911015
OS DERWENT 93152231
LA English

L3 ANSWER 39 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:5794 ENCOMPPAT;ENCOMPPAT2
DN 9341592
TI Removing condensable component from gas stream - by condensation followed by membrane concn. useful in treating raw gas streams contg. low concns. of condensable components
IN BAKER R W; KASCHEMEKAT J; WIJMANS J G
PA MEMBRANE TECHNOLOGY & RES INC
PI US 5205843 930427
AI US 1989-432592 891107
US 1991-649305 910130
US 1992-836101 920214
PRAI US 1992-836101 920214
US 1991-649305 910130
US 1989-432592 891107
OS DERWENT 93151602

L3 ANSWER 40 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:1395 ENCOMPPAT;ENCOMPPAT2
DN 9310344
TI Hybrid membrane system for sepg. acid gas from natural gas - comprises hydrogen sulphide membrane assembly and acid gas membrane assembly
IN KORIN A
PA EXXON CHEM PATENTS INC
PI WO 9220431 921126
DS CA; JP; NO; AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; MC; NL; SE
AI WO 1992-US4026 920514
PRAI US 1991-703518 910521
OS DERWENT 92415517
LA English

L3 ANSWER 41 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:1189 ENCOMPPAT;ENCOMPPAT2
DN 9340291
TI Recovering condensable components from gas stream - using condensation and membrane concn. steps, useful e.g. in dry-cleaning, air conditioning, refrigeration operations, etc

IN WIJMANS J G
PA MEMBRANE TECHNOLOGY & RES INC; NITTO DENKO CORP
PI WO 9219359 921112
DS JP
AI WO 1991-JP609 910507
PRAI WO 1991-JP609 910507
OS DERWENT 92398605
LA English

L3 ANSWER 42 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 93:134 ENCOMPPAT;ENCOMPPAT2
DN 9310054
TI Removing hydrogen sulphide from gases using membrane purificn. - by reacting with oxidising polyvalent metal chelate, removing sulphur, nano-filtering to remove water and chelant degradation prods., oxidising chelate, etc
IN ALLEN M C; GRIERSON J G
PA DOW CHEM CO
PI WO 9217401 921015
DS AU; BR; CA; JP; KR; NO; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; MC; NL; SE
AI WO 1992-US1592 920227
PRAI US 1991-676404 910328
OS DERWENT 92366130
LA English

L3 ANSWER 43 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 92:2319 ENCOMPPAT;ENCOMPPAT2
DN 9210626
TI Aromatic polyamide gas sepn. membrane - derived from bisaniline and terephthaloyl or isophthaloyl chloride
PA Du Pont de Nemours E I & Co
PI US 5076817 911231
PRAI US 1990-620255 901130
OS DERWENT 92032546

L3 ANSWER 44 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 92:1906 ENCOMPPAT;ENCOMPPAT2
DN 9240313
TI Calcium sulphate prodn. - by dissolving calcium sulphite in aq. sulphur dioxide or sulphuric acid solns
PA Materials-Concepts-
PI WO 9118131 911128
DS AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; NL; SE; AT; AU; BG; BR; CA; DE; DK; ES; FI; GB; HU; JP; KP; KR; LU; NL; NO; PL; RO; SE; SU; US
PRAI GB 1990-13649 900619
GB 1990-10745 900514
OS DERWENT 91369277

L3 ANSWER 45 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 91:5635 ENCOMPPAT;ENCOMPPAT2
DN 9141040
TI Condensable component removal from gas streams -in a highly efficient and economic process using condensation and membrane sepn
PA Membrane Techn & Re
PI WO 9106363 910516
DS AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; NL; CA; CH; DE; GB
PRAI US 1989-432592 891107
OS DERWENT 91163991

L3 ANSWER 46 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 91:2843 ENCOMPPAT;ENCOMPPAT2
DN 9110974
TI Sepn. of charge-rich liq. contg. gas - for regeneration of solvent which has been used to absorb gas through polyethyleneimine membrane, etc
PA Texaco Inc
PI US 4995888 910226

PRAI US 1988-214983 880705
OS DERWENT 91080608

L3 ANSWER 47 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 91:1716 ENCOMPPAT;ENCOMPPAT2
DN 9140350
TI Treating chlorine contg. effluent from desulphurisation appts. - using electrodialysis appts. comprising alternating cation and anion exchange membranes between anode and cathode chambers
PA Babcock-Hitachi KK
PI EP 405619 910102
DS AT; BE; DE; FR; GB; IT; NL; SE
PRAI EP 1990-115777 900817
JP 1983-166363 830909
OS DERWENT 91008978

L3 ANSWER 48 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 90:4876 ENCOMPPAT;ENCOMPPAT2
DN 9010924
TI Membrane for sepg. gases from gas-liq. charge streams - esp. carbon dioxide from soln. in methanol, is reaction prod. of polyoxyalkylene, polyamine, and a diisocyanate
PA Texaco Inc
PI US 4897091 900130
PRAI US 1988-176895 880404
OS DERWENT 90090302

L3 ANSWER 49 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 90:4222 ENCOMPPAT;ENCOMPPAT2
DN 9010760
TI Sepg. gas from rich charge liq. - using membrane of either cast vinyl alcohol crosslinked with an aliphatic polyaldehyde or a membrane of silicone or silicone polycarbonate
PA Texaco Inc
PI US 4889541 891226
PRAI US 1988-214985 880705
OS DERWENT 90058974

L3 ANSWER 50 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:4091 ENCOMPPAT;ENCOMPPAT2
DN 8941200
TI Dust removal and de-sulphurisation of combustion fumes - by fine spraying washing liq., lowering temp. below dew pt., applying tertiary amine, decanting and filtering etc
PA Rosendahl E
PI DE 3800161 890503
PRAI DE 1988-3800161 880107
OS DERWENT 89131112

L3 ANSWER 51 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:3700 ENCOMPPAT;ENCOMPPAT2
DN 8911193
TI Composite immobilised liq. membrane - comprises solvent- swollen polymer on microporous support
PA Bend Research Inc
PI US 4824443 890425
PRAI US 1988-178452 880407
OS DERWENT 89144686

L3 ANSWER 52 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:3037 ENCOMPPAT;ENCOMPPAT2
DN 8910908
TI Single pass coking with solids recycle - involves removing particulates from scrubber bottoms by passing through microfiltration system
PA Exxon Research & Engineering Co
PI EP 308094 890322
DS FR; IT; NL

PRAI US 1987-97117 870916
OS DERWENT 89087485

L3 ANSWER 53 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:1711 ENCOMPPAT;ENCOMPPAT2
DN 8910506
TI Carrying out catalytic reactions - with catalysts based on hollow porous microspheres
PA Torobin L B
PI US 4793980 881227
PRAI US 1987-83008 870730
OS DERWENT 89023381

L3 ANSWER 54 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:1248 ENCOMPPAT;ENCOMPPAT2
DN 8910421
TI Removing corrosive contaminants from hydrocarbon fluids - by mixing water with hydrocarbon contaminated by corrosive ions into mixt. and conducting mixt. tangentially across membrane surface
PA Separation Dynamics
PI US 4790941 881213
PRAI US 1988-169981 880318
OS DERWENT 89007471

L3 ANSWER 55 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 89:144 ENCOMPPAT;ENCOMPPAT2
DN 8910122
TI Sepg. component from gas mixt. - by passing mixt. over membrane comprising thin film of molten salt hydrate immobilised on support
PA Air Products & Chem Inc
PI US 4780114 881025
PRAI US 1987-108501 871014
OS DERWENT 88322273

L3 ANSWER 56 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 88:6826 ENCOMPPAT;ENCOMPPAT2
DN 8812007
TI CHEMICAL PROCESSING ESP. HYDROCARBON CONVERSION - WITH OPERATIONAL STEP SENSITIVE TO FEED STREAM IMPURITY, INVOLVES CONTACTING STREAM WITH SELECTIVE ADSORBENT, ETC
PA UNION CARBIDE CORP
PI EP 284228 880928
DS BE; DE; ES; FR; GB; GR; NL; SE
PRAI US 1987-121904 871117
US 1987-22136 870305
OS DERWENT 88272679

L3 ANSWER 57 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 88:3245 ENCOMPPAT;ENCOMPPAT2
DN 8811006
TI PROCESSING FUEL GAS OR SYN-GAS OBTD. BY COAL OR OIL GASIFICATION - BY LIQUEFYING SOME CARBON MONOXIDE AND/OR METHANE, STORING THE LIQ., AND USING IT LATER AT TIMES OF PEAK DEMAND
PA LINDE AG
PI DE 3631332 880324
PRAI DE 1986-3631332 860915
OS DERWENT 88085337

L3 ANSWER 58 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 87:1935 ENCOMPPAT;ENCOMPPAT2
DN 8710616
TI HOLLOW MICROSPHERE CATALYSTS WITH POROUS WALLS - HAVE WALLS OR CAVITY, LOADED WITH ACTIVE COMPONENTS AND ARE USEFUL IN AUTO EMISSION CONTROL
PA TOROBIN L B
PI US 4637990 870120
PRAI US 1985-711951 850314
OS DERWENT 87042833

L3 ANSWER 59 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 87:320 ENCOMPPAT;ENCOMPPAT2
DN 8740002
TI SULPHUR AND NITROGEN OXIDE(S) REMOVAL FROM GASES - USING ABSORBENTS CONTG. CHELATE(S), SULPHITE AND BISULPHITE IONS
PA US DEPT OF ENERGY
PI US 4615780 861007
PRAI US 1985-795291 851105
OS DERWENT 86284669

L3 ANSWER 60 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 87:131 ENCOMPPAT;ENCOMPPAT2
DN 8710090
TI RECOVERING PURE CARBON DIOXIDE IN HIGH YIELD FROM MIXTS. RICH IN IT - AS BOTTOMS PROD. FROM SUPERATMOSPHERIC PRESSURE DISTN., CARBON DIOXIDE BEING REMOVED FROM TOP PROD. BY MEMBRANE PERMEATION.
PA COSTAIN PETROCARBON
PI GB 2174379 861105
PRAI GB 1985-8002 850327
GB 1986-7530 860326
OS DERWENT 86293502

L3 ANSWER 61 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 85:7492 ENCOMPPAT;ENCOMPPAT2
DN 8541474
TI SCRUBBING HYDROGEN SULPHIDE FROM WASTE GAS - WITH LIQUOR CONTG. METAL CHELATE COMPLEX AND REGENERATION USING PULSATING COLUMNS TO INCREASE EFFICIENCY
PA CHEMENGINEERING CO
PI DE 3444252
PRAI US 1983-560493 831212
OS DERWENT 85153902

L3 ANSWER 62 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 85:2500 ENCOMPPAT;ENCOMPPAT2
DN 8512018
TI MEMBRANES FOR SEPN. OF POLAR FLUIDS - COMPRISING POLYPHOSPHAZENE POLYMERS.
PA MONSANTO CO
PI EP 150700
DS AT; BE; CH; DE; FR; GB; IT; LI; NL; SE
PRAI US 1984-674241 841127
US 1983-566243 831228
US 1983-566243 831228
OS DERWENT 85191654

L3 ANSWER 63 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 80:4070 ENCOMPPAT;ENCOMPPAT2
DN 8041791
TI REMOVING VOLATILE COMPONENT FROM LIQ. - BY GASIFYING COMPONENT, PASSING THROUGH WATER REPELLING POROUS MEMBRANE AND ABSORBING WITH ABSORBING LAYER
PA KANEGAFUCHI CHEM KK
PI JP 55102403 800805
PRAI JP 1979-9410 790129
OS DERWENT 8065291C

L3 ANSWER 64 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 79:383 ENCOMPPAT;ENCOMPPAT2
DN 7910544
TI MEMBRANE DEVICE FOR SEPARATING MIXTURES - USING PACK AND FRAME TYPE CONSTRUCTION WITH MESH SUPPORTS, AND FLOW OF LIQUID TO PREVENT FOULING ACROSS MEMBRANE STRUCTURE
PA GENERAL ELECTRIC CO
PI DE 2825789 790104
PRAI US 1977-806845 770615
OS DERWENT 7902198B

L3 ANSWER 65 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 74:120 ENCOMPPAT;ENCOMPPAT2
DN 7410296
TI DESULPHURISING CRUDE OILS
PA ESSO RESEARCH + ENGINEERING CO
PI NL 7307457 731204
PRAI US 1972-258555 720601
OS DERWENT 7378400U

L3 ANSWER 66 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 74:78 ENCOMPPAT;ENCOMPPAT2
DN 7410244
TI DESULPHURISING PETROLEUM OILS
PA ESSO RESEARCH + ENGINEERING CO
PI NL 7307131 731127
PRAI US 1972-256547 720524
OS DERWENT 7376626U

L3 ANSWER 67 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 73:562 ENCOMPPAT;ENCOMPPAT2
DN 7310762
TI LIQUID MIXT SEPN - BY SELECTIVE PERMEATION THROUGH LIQUID MEMBRANE CONTG SURFACTANT AND SOLUBILISING ADDITIVE
PA ESSO RESEARCH + ENGINEERING CO
PI US 3719590 730306
PRAI US 1970-99267 701217
OS DERWENT 7316712U

L3 ANSWER 68 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 71:3101 ENCOMPPAT;ENCOMPPAT2
DN 7102942
TI IN THE HYDRODESULFURIZATION OF A NORMALLY LIQUID SULFUR-CONTAINING FEED
PA ENGELHARD MINERALS & CHEMICALS CORP; PFEFFERLE W C
PI US 3567624 710302
PRAI 745603 680717

L3 ANSWER 69 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 70:7088 ENCOMPPAT;ENCOMPPAT2
DN 7015137
TI CONDENSIBLE COMPONENTS ARE SEPARATED FROM A GAS STREAM
PA ESSO PRODUCTION RESEARCH CO; GARRETT R L; MCDONALD W J JR
PI US 3528218 700915
PRAI 730374 680520

L3 ANSWER 70 OF 70 ENCOMPPAT COPYRIGHT 2002 DERWENT/ELSEVIER
AN 70:2945 ENCOMPPAT;ENCOMPPAT2
DN 7006117
TI SULFUR DIOXIDE IS SEPARATED FROM GAS MIXTURES, SUCH AS FLUE GAS FROM BURNING HEAVY OIL
PA GENERAL ELECTRIC CO; WARD W J III
PI US 3503186 700331
PRAI 752803 680815